

Kyle Knudson

Software Engineer

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Github: <https://github.com/kknudson15>
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Skills

Programming Languages:

Python, C++, Java, JavaScript, HTML, CSS, Groovy, R, SQL

Technical Expertise:

Machine Learning, Artificial Intelligence, Natural Language Processing, Deep Learning, Neural Networks, Data Visualization and Analysis.

Experience

United Health Group / Software Developer Intern

June 2019 - PRESENT, Eden Prarie, Minnesota

Fostered a passion for helping people live healthier lives and making the healthcare system work better for everyone.

Utilized Agile Methodology to develop components of an enterprise level application that increased efficiency of current health care processes.

Combined Unit Testing, External Service Tests and UI tests for end to end testing.

Saint Cloud State University / Graduate Assistant

January 2018 - PRESENT, Saint Cloud Minnesota

Provide mentorship to undergraduate students and developed a culture of learning and curiosity.

Lead labs that taught undergraduate computer science students foundational C++ skills, Unix command line skills and Object Oriented Design Principles.

Jim Shope Inc / BIRT Report Developer

October 2015 - May 2016, Minneapolis Minnesota

Delivered detailed work order reports using eclipse BIRT 4.3.1. and Eclipse Database Designer to access an Oracle database. Created report specification describing field mapping from Maximo database to BIRT reports.

Education

Saint Cloud State University / MS. Computer Science

January 2018 - May 2020, Saint Cloud Minnesota

Investigated courses in Artificial Intelligence, Evolutionary Computation, Algorithms, Data Structures, Multithreading, and Parallel Computing. GPA: 3.56.

Montana State University / BS. Cell Biology and Neuroscience

August 2011 - August 2015, Bozeman Montana

Examined Neurological Processes, Neurological Disease Models, Mental Health Disorders, and Anatomy/Physiology of the brain. GPA: 3.0
